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TO: Board of Education
FROM: Ben Grindstaff
DATE: November 5, 2012
SUBJ: Accountability Update – School Performance Grades

Beginning in summer of 2013 the General Assembly will require each school to receive a school performance grade of A-F. Attached you will find a presentation outlining the draft model that the DPI is leaning towards.

I will be available to answer all questions you have.



School Performance Grades

(Senate Bill 795, Excellent Public Schools Act)

October 2012
Montgomery County Board of Education

Context



ACRE/READY

General Assembly

2012

- Accountability Revision
- SBE approved college and career ready indicators for 2012-13 SY and reporting of the READY Accountability Model
 - Approval of ESEA waiver to use proposed READY model

2011

2010

2009

- **Summer 2012**
GA's budget requires the assignment of A-F grades for all schools

What are the basics of the SPGs?

Elementary/Middle Schools

- Performance Composite

Total Points 0-100

100 points

High Schools

- Performance Composite
- Algebra II/Integrated III
- Graduation Rate
- WorkKeys
- ACT

Total Points 0-500

100 points

100 points

100 points

100 points

100 points

+ Growth

Alignment Between Indicators in High School



End of Course

Math Course Rigor

Graduation Rates

WorkKeys

ACT

Graduation Project

High School Performance Grades

- Performance Composite
- Algebra II/Integrated III
- Graduation Rate
- WorkKeys
- ACT

Key Point: The set of indicators are shared and set a college and career-ready expectation. The Graduation Project is not part of the school grade.

How each indicator is defined


Performance Composite (Elementary and High)	<ul style="list-style-type: none">• Percent of proficient tests in a school• All tests, subjects, and grade levels• Uses the EOG/EOC test data
Algebra II/Integrated III	<ul style="list-style-type: none">• Percent of 4-year cohort graduates who take and pass Alg. II or Int. Math III• Excludes the 1% population
Graduation Rate	<ul style="list-style-type: none">• Percent of students that graduate within 4 years (4-year cohort graduation rate)
WorkKeys	<ul style="list-style-type: none">• Percent of seniors who are CTE concentrators who achieve a Silver certificate, or better, on the WorkKeys assessment
ACT	<ul style="list-style-type: none">• The average sum of the 5 sub-tests across the school compared to the sum of the college-ready benchmarks

A closer look at the ACT

The proposed Math that goes into the ACT calculation

ACT College Ready Benchmarks

Subtest	Benchmark
Math	22
Reading	21
English	18
Science	24
Writing	7


$$22 + 21 + 18 + 24 + 7 = \mathbf{92}$$

sum of
college-ready
benchmarks

A closer look at the ACT

The proposed Math that goes into the ACT calculation

Suppose you have a school with 5 students....

Student	Sum of Scores
Matt	83
Mark	94
Luke	75
John	79
Paul	80

then

“The average sum of the 5 sub-tests across the school compared to the sum of the college-ready benchmarks” can be found by...

1) Averaging the Summed Scores

$$\frac{83 + 94 + 75 + 79 + 80}{5 \text{ students}} = 82.2$$

2) Dividing by summed college-ready benchmarks

$$82.2/92 = 89\% \text{ and } 89 \text{ points}$$

Proposal for Addition of Growth

- Using EVAAS Growth outcomes, adjust overall score based on EVAAS Growth category
 - Exceeded Expected Growth: **Add 10 points**
 - Met Expected Growth: **Add 5 points**
 - Did Not Meet Growth: **No points**

Overall Grade

- Elementary/Middle Schools
 - Single component
 - **100 point scale**
- High Schools
 - Five components 0-500 points
 - Divide by 5 to achieve a **100 point scale**
- In both cases, make the Growth Adjustment (0, 5 or 10 points)

Overall Grade Scale

A: 90-100 points

B: 80-89 points

C: 70-79 points

D: 60-69 points

F: Less than 60 points

Overall Grade Sample

High School X

- | | |
|-----------------------------|-------------|
| • Performance Composite | 69 points |
| • Algebra II/Integrated III | 78 points |
| • Graduation Rate | 82 points |
| • WorkKeys | 84 points |
| • ACT | + 82 points |

<i>Total Points</i>	395
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<i>Divide by 5 to get points out of 100</i>	$395/5 = 79$
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<i>Check Growth</i>	<i>School Met Expected Growth</i>
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<i>Add Growth Points</i>	$79 + 5 = 84$ points
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<i>Determine Final Grade</i>	This School would receive a “B”
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Simulated Grades

Note:

- This data is for discussion purposes only and is a draft based on this proposed operational model. It is only data to inform feedback.
- Based on 2011-12 data.